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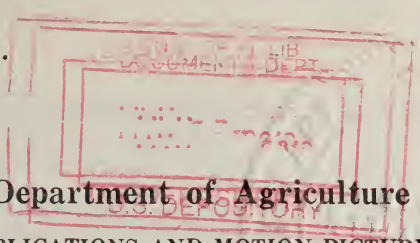

# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

### OCTOBER 1945

**READ CAREFULLY.** Any five of the nontechnical publications listed, unless marked for sale only, may be obtained free as long as the supply lasts. Free distribution of technical material and periodicals is restricted.

Publications will reach you sooner if you use the label attached to page 3 of this list for ordering. List publications wanted in numerical order and write your name and address plainly. Detach label and return in stamped envelope to: Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

Publications cannot be sent free if more than five are wanted or if request comes from a foreign correspondent. In such cases request and remittance should be addressed: Superintendent of Documents, Government Printing Office, Washington 25, D. C. Foreign correspondents should add one-third of the cost of publications to defray postage charges.

This list will be sent free upon request. If you already receive it and have changed your address show your old address as well as new when you request that our records be changed.

### BULLETIN OF THE MONTH

**"Conserving Soil and Moisture in Orchards and Vineyards."** Farmers' Bulletin 1970.

This bulletin outlines practices by which fruit growers can take full advantage of site resources and prolong the productivity of their orchards and vineyards.

### AGRICULTURAL INFORMATION SERIES

**Grading soft red winter wheat at country points.** Extension Service. Folder, illus. (AIS-33.)

To provide information to wheat growers and handlers as to purpose and procedure in grading soft red winter wheat as a basis for determining prices according to quality content.

### CIRCULARS

**The water requirement of alfalfa.** Carl S. Scofield. Bureau of Plant Industry, Soils, and Agricultural Engineering. 11 p., illus. Circular 735C.) Price 5¢.

A report of a recently completed investigation showing the need for adequate irrigation of alfalfa to obtain maximum hay production.

### FARMERS' BULLETINS

**Conserving soil and moisture in orchards and vineyards.** John T. Bregger and Grover F. Brown. Soil Conservation Service. 30 p., illus. (Farmers' Bulletin 1970F.) Price 10¢. *See* above.

**Handling and storing of soft corn on the farm.** C. K. Shedd. Bureau of Plant Industry, Soils, and Agricultural Engineering. 13 p., illus. (Farmers' Bulletin 1976F.) Price 5¢.

Gives points on reducing damage to corn in crib and storage.

### MISCELLANEOUS PUBLICATIONS

**The National Poultry Improvement Plan.** Bureau of Animal Industry. 26 p., illus. (Miscellaneous Publication 300M., rev.) Price 10¢.

The objectives of the National Poultry Improvement Plan are to improve the breeding and production qualities of poultry and to reduce losses from pullorum disease.

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*Compiled by Eleanor W. Clay, Office of Information.

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**Vitamin A in Butter.** Bureau of Dairy Industry. 14 p., illus. (Miscellaneous Publication 571M.) Price 10¢.

A nation-wide survey to determine the importance of butter as a source of vitamin A in the diet of the people of the United States.

**Price spreads between farmers and consumers for food products, 1913–44.** Bureau of Agricultural Economics. 290 p., illus. (Miscellaneous Publication 576M.) Price 45¢.

This publication marks an important step forward in providing current information service to persons interested in the marketing of farm food products. The statistical measures furnished here should go a long way toward filling the demands for information relating to food-marketing charges expressed by various groups, including producers, consumers, and middlemen.

**Breeding better vegetables for the South at the United States Regional Vegetable Breeding Laboratory.** C. A. Magoon and others. 34 p., illus. Agricultural Research Administration. (Miscellaneous Publication 578M.) Price 10¢.

Covers the complete program, results obtained to date, and the continuing research of the U. S. Regional Vegetable Breeding Laboratory at Charleston, S. C.

## SERVICE AND REGULATORY MATERIAL

**Service and regulatory announcements, August 1945.** Bureau of Animal Industry. Pp. 45–51. (S. R. A.–B. A. I. 460.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.[1]

## SOIL SURVEYS

**California, Bakersfield Area.** (Series 1937, No. 12). 113 p., illus. Price 60¢.

**Virginia, Washington County.** (Series 1937, No. 14.) 102 p., illus. Price 65¢.

## TECHNICAL BULLETINS

**Wages of agricultural labor in the United States.** Louis J. Ducoff. Bureau of Agricultural Economics. 127 p., illus. (Technical Bulletin 893T.) Price 25¢.

This bulletin is a contribution toward an understanding of the problems of wages and labor in agriculture.

**Biology of the tobacco hornworm in the southern cigar-tobacco district.** A. H. Madden and F. S. Chamberlin. Bureau of Entomology and Plant Quarantine. 51 p., illus. (Technical Bulletin 896T.) Price 15¢.

The tobacco hornworm is one of the most common and destructive pests of tobacco and tomatoes in the United States and is particularly harmful when it attacks cigar-wrapper tobacco. This bulletin contains the complete results of investigations at Quincy, Fla. from 1936–41, inclusive. The main purpose of these investigations was to obtain information which might be of value in improving existing control measures against this pest.

**Factors affecting curly top damage to sugar beets in southern Idaho.** D. E. Fox, J. C. Chamberlin, and J. R. Douglass. Bureau of Entomology and Plant Quarantine. 29 p., illus. (Technical Bulletin 897T.) Price 10¢.

This bulletin summarizes the results of 8 years' studies (1930–37) of the factors which determine the source, magnitude, and time of dispersal of the beet leafhopper relative to curly top incidence and sugar-beet yields in south-central Idaho.

**Relation of feed consumed to food products produced by fattening cattle.** Aaron G. Nelson. Bureau of Agricultural Economics. 36 p., illus. (Technical Bulletin 900T.) Price 10¢.

This bulletin brings together results of research conducted in the Corn Belt on cattle fattening.

**Reaction of small-grain varieties to green bug attack.** I. M. Atkins and R. G. Dahms. Bureau of Plant Industry, Soils, and Agricultural Engineering and Bureau of Entomology and Plant Quarantine. 30 p., illus. (Technical Bulletin 901T.)

It is the purpose of this bulletin to record some of the factors responsible for the widespread serious infestation of the green bug in Texas and Oklahoma in 1942, and to bring to the attention of other workers the reactions to it of some varieties of small grain, especially the high resistance to attack observed in certain barley varieties, some of which may be useful in breeding desirable adapted varieties that are resistant.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

**Some soil properties related to the sodium salt problem in irrigated soils.** Robert Gardner. Bureau of Plant Industry, Soils, and Agricultural Engineering. 28 p., illus. (Technical Bulletin 902T.)

An important contribution to our knowledge concerning factors involved in the reclamation of saline soils.

**Fattening good and common grade steers in southeastern Coastal Plains.** W. H. Black and B. L. Southwell. Bureau of Animal Industry and Georgia Coastal Plain Experiment Station. 13 p., illus. (Technical Bulletin 904T.) Price 5¢.

Includes results obtained at experiment stations in the southeastern Coastal Plain Region where cattle have been fattened on locally produced feeds.

### OTHER PUBLICATIONS

**Livestock, meats, and wool market statistics and related data, 1944.** Production and Marketing Administration. [80] p. (CS–14.)

This edition, representing the twelfth of a series of statistical handbooks pertaining to the livestock, meat, and wool industries, has been compiled for the use of producers, distributors, and others who are interested in studying certain factors relating to these industries.

### PERIODICALS

**The agricultural situation.** Vol. 29, No. 10, October 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.[1]

**Agriculture decisions.** Vol. 4, No. 7. July 1945. Price of single copies varies depending on size. $2.00 a year.[1]

**Agriculture in the Americas.** Vol. V, No. 10. October 1945. Price 10¢ a copy, 75¢ a year, domestic; $1.20 a year, foreign.[1]

**Bibliography of agriculture.** Vol. 7, No. 4. October 1945. Price 40¢ a copy, $4.50 a year, domestic; 45¢ a copy, $4.75 a year, foreign.[1]

**Consumers' guide.** Vol. XI, No. 10. October 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.[1]

**Experiment station record.** Vol. 93, No. 3. September 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, $1.25. Foreign subscription per volume, $2.00. Single numbers 20¢ a copy.[1]

**Extension service review.** Vol. 16, No. 10. October 1945. Price 10¢ a copy, 75¢ a year, domestic; $1.15 a year, foreign.[1]

**Foreign agriculture.** Vol. 9, No. 10. October 1945. Price 10¢ a copy, $1.00 a year, domestic; $1.60 a year, foreign.[1]

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**Journal of agricultural research.** Price $2.25 a year, domestic; $3.00 a year, foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

——— Vol. 71, No. 7. October 1, 1945. Illus. Contents:

Measurements of the volatile production of apples (Key No. N. Y. (Cornell)–56.) Franklin Wallburg Southwick.

The removal of organic emanations from the atmosphere surrounding stored apples (Key No. N. Y. (Cornell)–57.) Franklin Wallburg Southwick.

A biochemical study of soil organic matter as related to brown root rot of tobacco (Key No. Md.–11.) E. D. Matthews.

——— Vol. 71, No. 8. October 15, 1945. Illus. Contents:

Respiration of citrus fruits after harvest (Key No. G–1340.) M. H. Haller, Dean H. Rose, J. M. Lutz, and Paul L. Harding.

Retention of carotene in alfalfa stored in atmospheres of low oxygen content (Key No. E–97.) E. J. Hoffman, Funston G. Lum, and A. L. Pitman.

**News for farmer cooperatives.** Vol. 12, No. 7. October 1945. Price 10¢ a copy, $1.00 a year.[1]

**Rural electrification news.** Vol. 11, No. 2. October 1945. Price 10¢ a copy, 75¢ a year, domestic; $1.15 a year, foreign.[1]

**Soil conservation.** Vol. XI, No. 4. October 1945. Price, 10¢ a copy, $1.00 a year, domestic; $1.50 a year, foreign.[1]

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

## MOTION PICTURES

**Pork on the Farm.** (2 reels, 16 mm. and 35 mm., sound, running time 21 minutes. Released 1940.) A well-filled smokehouse or cold-storage locker is insurance of a good home food supply. A brief introduction deals with the production of desirable hogs for home consumption. The technique of killing and dressing is well illustrated with emphasis on proper handling to avoid spoilage. Experts demonstrate cutting, curing, and the advantages of cold-storage service now available in many communities. A publication useful in carrying out the methods recommended in this film can be obtained from the Office of Information for audience distribution by organizations whose requests can be justified. Ask for Farmers' Bulletin 1186, Pork on the farm: Killing, curing, and canning.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16 mm. and 35 mm. widths. Films in the 16 mm. size are available from State film libraries; 35 mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 70 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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